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E Rodier, H Lochard, M Sauceau, JJ ... - European Journal of ..., 2005 - Elsevier

... An **inclusion** complex is, therefore, a specific case of a solid dispersion in which the active substance is dispersed at the molecular ... performed in a SAS configuration, a batch step where the powder is held for a certain time in **supercritical** CO<sub>2</sub>, named the **maturing** step and ...

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SFC: Embraced by industry but spurned by academia

[sapo.pl](#) [PDF]

R Mukhopadhyay - Analytical Chemistry, 2008 - pubs.acs.org

... "If you ever go into a production process where there is an SFC [system] purifying kilogram quantities for **inclusion** into product, there may be ... First, the pumping rates are high, because **supercritical** CO<sub>2</sub> has low viscosity. ... **Cosolvent** modifier flow rate (mL/min)  $\geq 10 \geq 10$  None ...

[Cited by 1](#) - [Related articles](#) - [All 3 versions](#)Precipitation Processes with **Supercritical** Fluids: Patents Review

MJ Cocero, A Martin - Recent Patents on Engineering, 2008 - ingentaconnect.com

... of the super- critical fluid in the process: solvent, anti-solvent, solute, or **co-solvent** [3]. The ... The peculiarity of these nozzles is the **inclusion** of a projecting element in the direc- tion of ... sides of the nozzle, where it is mixed with a perpendicular flow of **supercritical** fluid immediately ...

[Related articles](#)... of interaction of active substances with a porous support using **supercritical** fluid

J Fages, B Freiss, C Jousset-Dubien, J ... - US Patent App. 10/ ..., 2002 - Google Patents

... would be: [0040] 1. crystallization [0041] 2. solid/liquid separation [0042] 3. drying [0043] 4.

**inclusion** in the ... support placed in the reactor beforehand, [0095] (a3) washing the complex thus formed with the **supercritical** fluid, then optionally separating the **cosolvent** in the ...

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Role of Eco-Friendly Strategies in the Development of Biomedical Nanotechnology

S Ganta, S Chadwick, D Deshpande, ... - International Journal of ..., 2009 - informaworld.com  
... oil, such as those rich in omega-3 PUFA, that can facilitate transport across biological barriers,  
**inclusion** of mul ... SEDS SCF antisolvent **Cosolvent** ... SCF, **supercritical** fluid; RESS, rapid expansion  
of **supercritical** solutions; PGSS, precipitation from gas-saturated solution; GAS, gas ...

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### [CITATION] The Encapsulation Art: Scale-up and Applications

MA Galán, CA Ruiz, EM Del Valle - Chemical Engineering: Trends and ..., 2005 - Wiley

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[analyix.co.uk](#) (PDF)

C Vemavarapu, MJ Mollan, M Lodaya, TE ... - International journal of ..., 2005 - Elsevier

... **Supercritical** fluid (SCF) technology gained significant attention in pharmaceutical research by  
not only showing a promise in this regard but also accommodating the principles of green  
chemistry. ... Table 1. Distinguishing various **supercritical** fluid processes. Process, Acronym, ...

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CA Cardona, JA Quintero, IC Paz - Bioresource Technology, 2009 - Elsevier

### Recent advances in intravenous delivery of poorly water-soluble compounds

Y Shi, W Porter, T Merdan, LC Li - Expert Opinion on Drug ..., 2009 - informahealthcare.com

... **Inclusion** complexes have been exploited to a great extent as drug delivery systems ... drug  
candidates that cannot be delivered by other systems such as **cosolvent**, complexation, or ... Several  
companies have developed technologies with the use of **supercritical** fluids (SCFs), in ...

### The solvent of choice

T Lawrence, I Wilding, B ... - Soldering and Surface ..., 2001 - emeraldinsight.com

... The delivery of flux solids in **supercritical** carbon dioxide is another option (Busby et al ... Wettability  
enhancement with organic **co-solvent** was less marked (even at 10 per cent) and was ... **Inclusion**  
of wetting agent restores wetting performance, with solderability rising to a maximum ...

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